7.4.1 Bottom Strip Replacement

Replacement Part Number 622122

Included in Kit:	Tools Required:
Bottom strip	Isopropyl alcohol Cleaning cloth

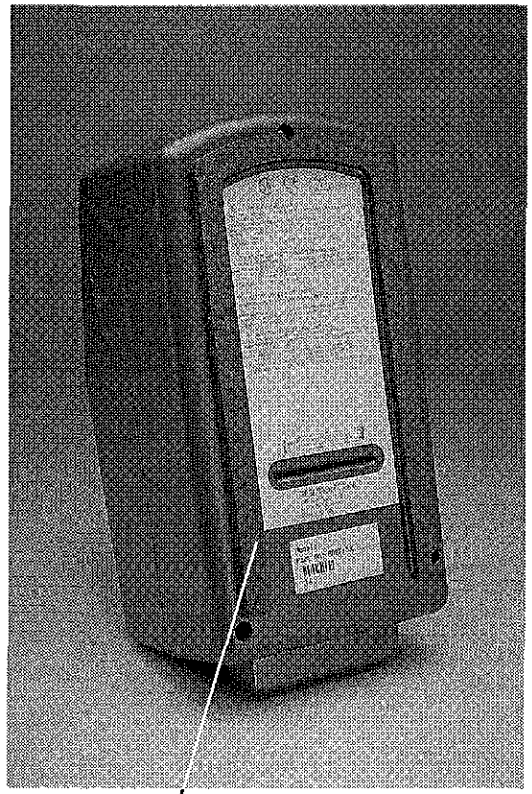
Procedure

Removed / Installed During Process:

- Bottom strip

WARNING: Electrical shock hazard: Disconnect the electrical supply before attempting to make any repairs to the device.

CAUTION: Electronic components used in this device are subject to damage from static electricity. Repairs made to this device must be performed only in an *antistatic, ESD-protected environment.*



Bottom Strip Replacement (Continued)

Step 1 Removing the Bottom Strip

a. Place the unit on a protected work surface and carefully turn it over, exposing the bottom.

b. Starting at one end, peel the bottom strip from the bottom enclosure.

c. Use a cleaning cloth with a small amount of isopropyl alcohol to remove any adhesive residue remaining on the bottom enclosure.

Step 2 Installing the Bottom Strip

a. Remove the protective backing from the bottom strip.

b. Align the bottom strip with the rib on the bottom enclosure.

c. Starting at one end, set the bottom strip in place.

d. Press the bottom strip firmly in place.

e. Carefully return the unit to the upright position.

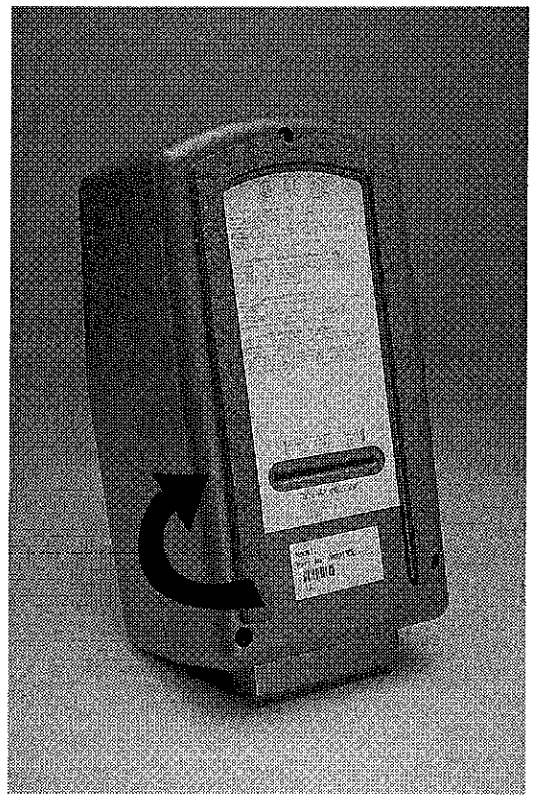


Figure 7-4
Removing the Bottom Strip

7.4.2 Filter Cap Replacement

Replacement Part Number 622124

Included in Kit:	Tools Required:
Filter cap (w / foam baffle)	None

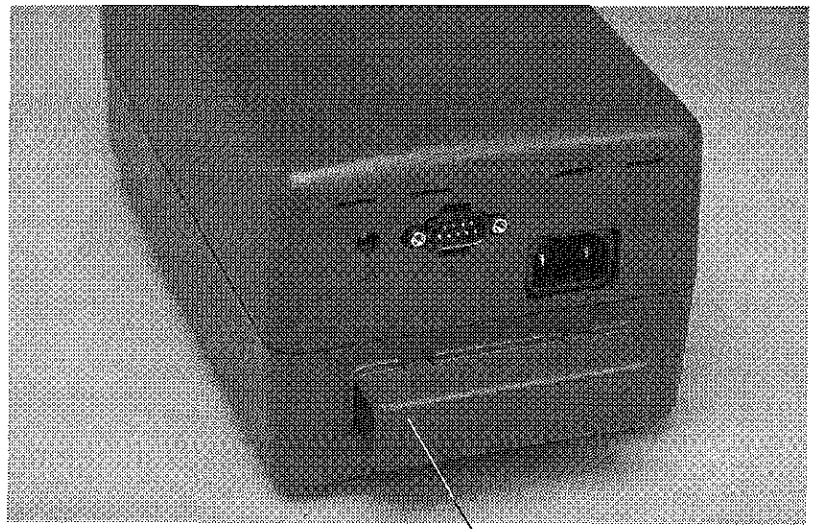
Procedure

Removed / Installed During Process:

- Filter cap

WARNING: Electrical shock hazard: Disconnect the electrical supply before attempting to make any repairs to the device.

CAUTION: Electronic components used in this device are subject to damage from static electricity. Repairs made to this device must be performed only in an antistatic, ESD-protected environment.



Filter Cap Replacement (Continued)

Step 1 Removing the Filter Cap

a. Gently squeeze the top of the filter cap, near the middle, until the locking tabs clear the filter compartment.

b. Remove the filter cap by pulling it away from the back of the unit.

Figure 7-5
Removing the Filter Cap

Step 2 Installing the Filter Cap

a. Align the tabs on the bottom of the filter cap with the bottom of the filter compartment. The opening in the filter cap can be positioned in either direction.

b. Gently squeeze the top of the filter cap, near the middle, until the tabs clear the filter compartment.

c. Push the filter cap into the filter compartment until the locking tabs snap into place.

7.4.3 Bottom Enclosure Replacement

Replacement Part Number (See Note[3] on page 7-7)

Included in Kit:	Tools Required:
Bottom enclosure (w / foam baffle and label) Bottom strip 8-11 × 3/4" screw (×3)	Phillips screwdriver (medium)

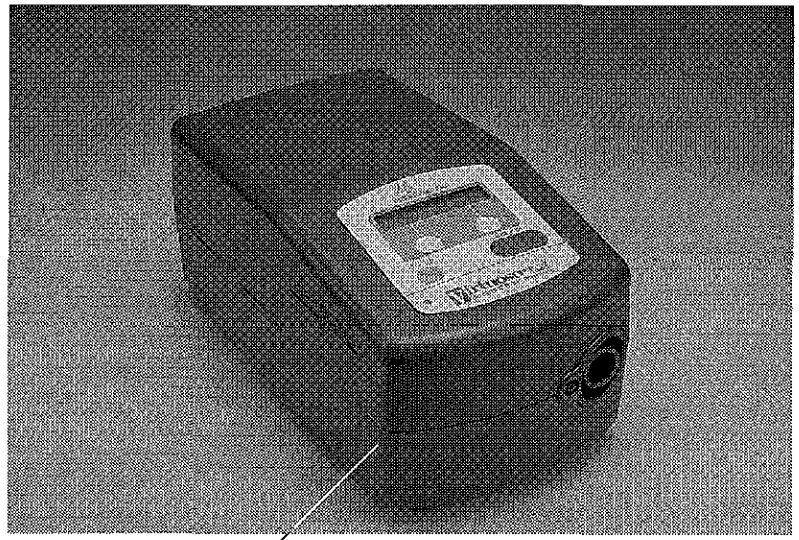
Procedure

Removed / Installed During Process:

- Filter cap (See Section 7.4.2 for more detailed instructions.)
- Filters (See Section 5.3.1 for more detailed instructions.)
- Bottom enclosure
- Bottom strip (See Section 7.4.1 for more detailed instructions.)

WARNING: Electrical shock hazard: Disconnect the electrical supply before attempting to make any repairs to the device.

CAUTION: Electronic components used in this device are subject to damage from static electricity. Repairs made to this device must be performed only in an antistatic, ESD-protected environment.



Bottom Enclosure Replacement (Continued)

Step 1 Removing the Bottom Enclosure

a. Place the unit upside down on a protected work surface.

b. Using a Phillips screwdriver, remove the three screws that secure the bottom enclosure to the top enclosure.

c. Lift the bottom enclosure from the rest of the unit.

d. Carefully, and away from the unit, turn the unit over and remove the screws.

Step 2 Installing the Bottom Enclosure

a. Align and place the bottom enclosure onto the enclosure insert.

b. Install and secure the three mounting screws.

c. Carefully return unit to upright position.

7.4.4 Top Enclosure Replacement

Replacement Part Number 622123

Included in Kit:	Tools Required:
Top enclosure (w / foam baffle) 8-11 x 3/4" screw (x3)	Phillips screwdriver (medium)

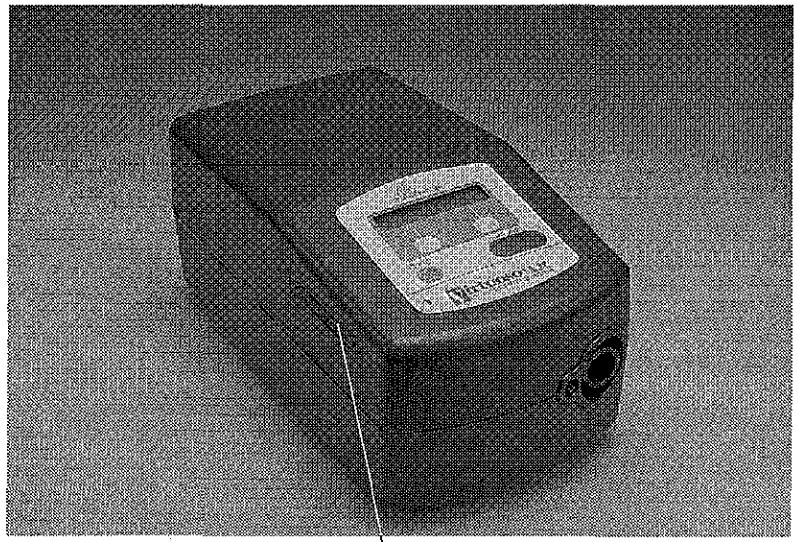
Procedure

Removed / Installed During Process:

- Top enclosure
- Display assembly
- Control pad

WARNING: Electrical shock hazard: Disconnect the electrical supply before attempting to make any repairs to the device.

CAUTION: Electronic components used in this device are subject to damage from static electricity. Repairs made to this device must be performed only in an antistatic, ESD-protected environment.



Top Enclosure

Top Enclosure Replacement (Continued)

Step 1 Removing the Top Enclosure

a. Place the unit on a protected work surface and carefully turn it over, exposing the bottom.

b. Using a Phillips screwdriver, remove the three screws that secure the top enclosure to the bottom enclosure.

c. While securely holding the top and the bottom enclosure together, carefully return the unit to its upright position.

d. Partially separate the top enclosure from the bottom enclosure.

NOTE: The top enclosure is still connected to the unit via the display assembly ribbon cable and the control pad ribbon cable. These will be removed during the following steps.

e. Lift the top enclosure and hold it slightly above the unit to provide access to the control pad ribbon cable and the display assembly ribbon cable connections on the Main Printed Circuit Assembly (Main PCA).

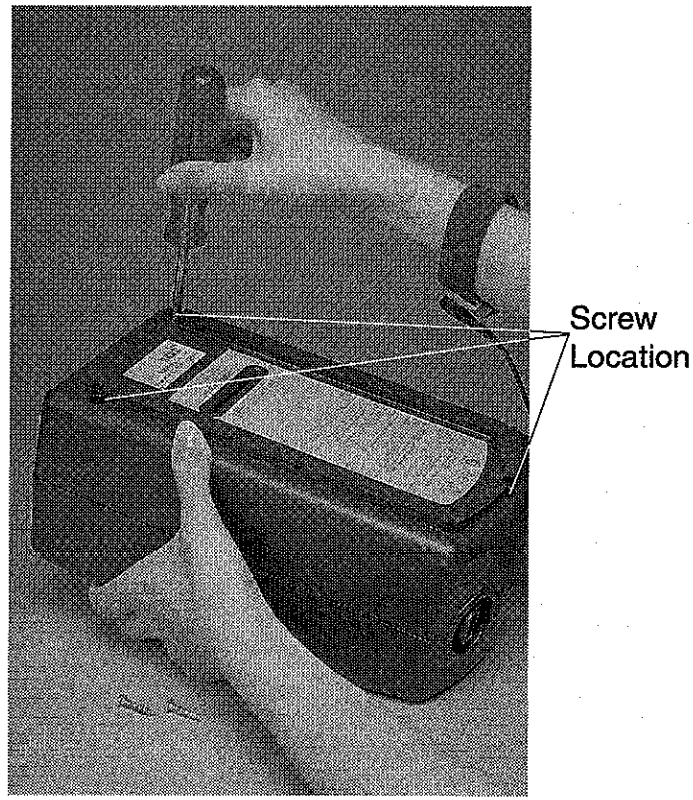


Figure 7-6
Location of the Top Enclosure Screws

Top Enclosure Replacement (Continued)

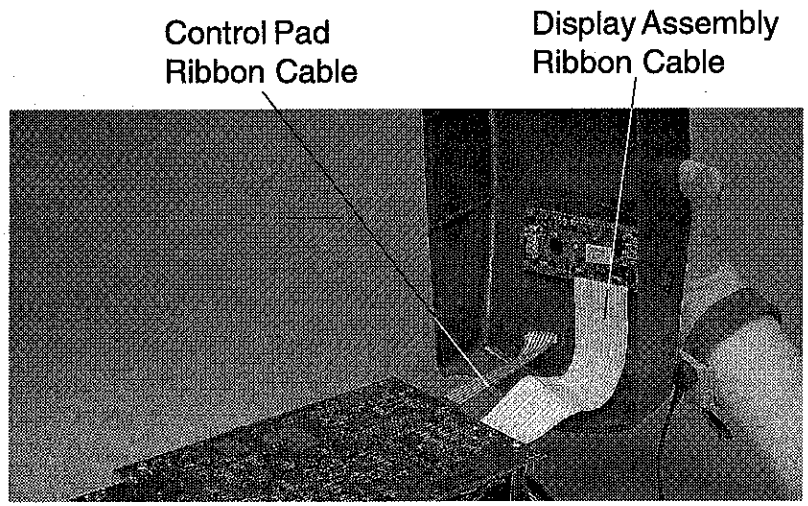


Figure 7-7
Location of the Control Pad Ribbon Cable and Display Assembly Ribbon Cable

f. Remove the control pad ribbon cable and the display assembly ribbon cable connectors by gently pulling them straight out from their receptacles. The top enclosure is now free from the rest of the unit.

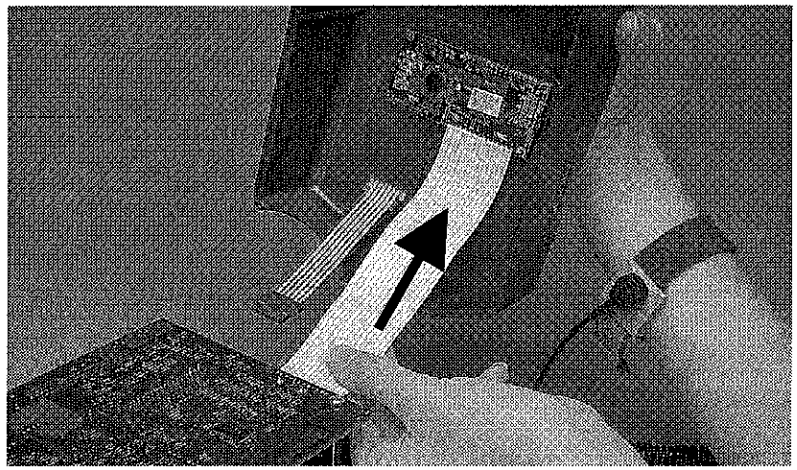


Figure 7-8
Removing the Control Pad Ribbon Cable and Display Assembly Ribbon Cable

Top Enclosure Replacement (Continued)

Step 2 Removing the Display Assembly

Remove: • display assembly

(See Section 7.4.5 for more detailed instructions on removing the display assembly.)

Step 3 Removing the Control Pad

Remove: • control pad

(See Section 7.4.6 for more detailed instructions on removing the control pad.)

Step 4 Installing the Control Pad

Install: • control pad

(See Section 7.4.6 for more detailed instructions on installing the control pad.)

Step 5 Installing the Display Assembly

Install: • display assembly

(See Section 7.4.5 for more detailed instructions on installing the display assembly.)

Step 6 Installing the Top Enclosure

a. Ensure that the outlet port is still properly seated in the bottom enclosure.

b. While holding the top enclosure slightly above the unit, align the display assembly ribbon cable connector with its receptacle on the Main PCA. Press the connector into its receptacle until completely seated.

c. Still holding the top enclosure slightly above the unit, align the control pad ribbon cable connector with its receptacle on the Main PCA. Press the connector into its receptacle until completely seated.

d. Align the top enclosure with the bottom enclosure then set it in place.

e. While securely holding the top and bottom enclosure together, carefully turn the unit upside down.

f. Insert and tighten the three Phillips screws to secure the top enclosure to the bottom enclosure.

g. Return the unit to its upright position.

7.4.5 Display Assembly Replacement

Replacement Part Number 622118

Included in Kit:	Tools Required:
Display (PCA)(w / ribbon cable) LCD	Phillips screwdriver (medium)

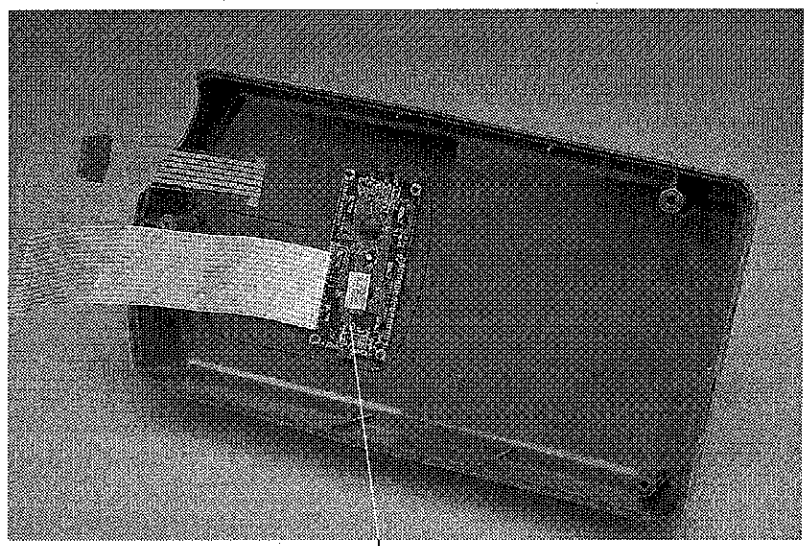
Procedure

Removed / Installed During Process:

- Top enclosure (See Section 7.4.4 for more detailed instructions.)
- Display assembly

WARNING: Electrical shock hazard: Disconnect the electrical supply before attempting to make any repairs to the device.

CAUTION: Electronic components used in this device are subject to damage from static electricity. Repairs made to this device must be performed only in an antistatic, ESD-protected environment.



Display Assembly Replacement (Continued)

Step 1 Removing the Display Assembly

a. Place the top enclosure on a protected work surface and carefully turn it over, exposing the underside.

b. Move the display assembly locking tabs away from the display assembly then lift the display assembly straight up from the top enclosure.

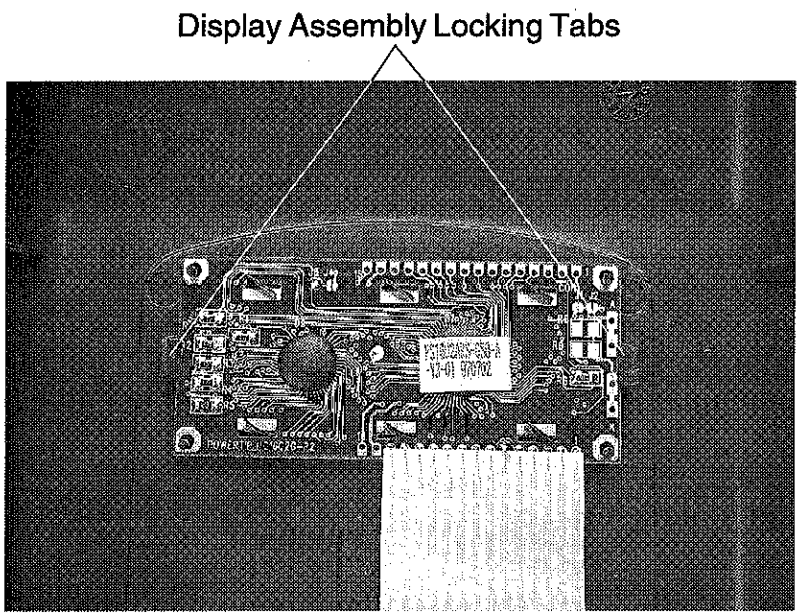


Figure 7-9
Location of the Display Assembly Locking Tabs

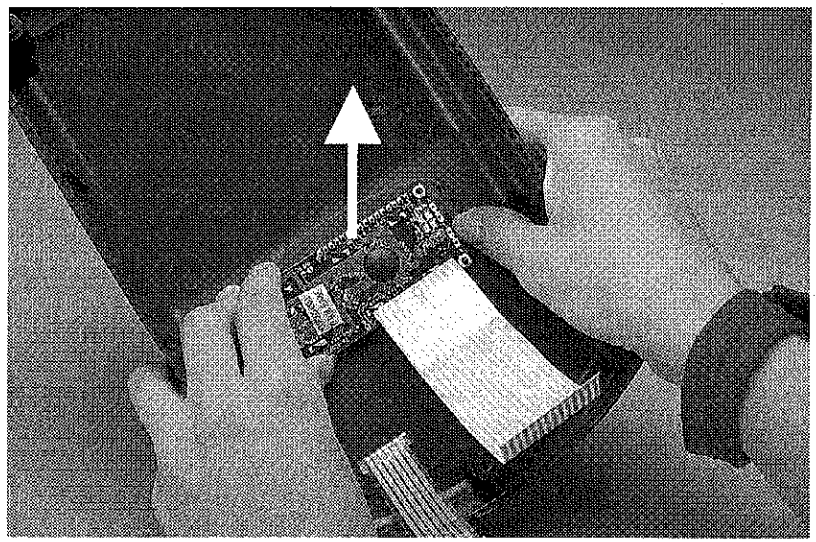


Figure 7-10
Removing the Display Assembly

Step 2 Installing the Display Assembly

a. Align the display assembly with the four mounting posts and gently press into the top enclosure until the locking tabs "snap" into place. Note that the ribbon cable side of the display assembly must point towards the front of the top enclosure.